

DEBUG ANNOTATIONS

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ABSTRACT OF THE DISCLOSURE

10 An annotation source representation is supported by a compiler and/or linker to
annotate program code, so that analysis tools, such as debuggers and profilers, have more
information with which to analyze an executable program. The annotation source
representation in the source code is compiled into annotation information so that the
annotation remains in the executable code, but is not executed. The annotation information in
the executable program is associated with the code that the annotation function is associated
with. The present invention eliminates the need of parallel/companion input command files,
15 eliminates the need of compiling a special version of the executable program for purposes of
analysis, and eliminates the need of implementing debug statements in the source code.

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